

**CMS Private work**pp 301 pb<sup>-1</sup> (5.02 TeV)

Fraction

1

0.8

0.6

0.4

0.2

0

anti- $k_T$ ,  $R = 0.4$  inclusive jets $80 < p_T^{\text{jet, reco}} < 140 \text{ GeV/c}$ ,  $|\eta^{\text{jet}}| < 2$ 

Soft drop (charged particles)

 $z_{\text{cut}} = 0.1$ ,  $\beta = 0$ ,  $k_T > 1 \text{ GeV}$ 

Data

MC

guds

c

b



SD-untagged

0

0.5

1

1.5

2

2.5

OR  $k_T < 1 \text{ GeV}$  $\ln(R/R_g)$ 